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Pugh Matrix

Adapted from DMADV Express

			Alternate Concepts							
			Concept 1	Concept 2	Concept 3	Concept 4	Concept 5	Concept 6	Concept 7	Concept 8
	Requirement	Priority	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Alt. 5	Alt. 6	Alt. 7	Alt. 8
1	Need 1	5	9	9	9	9	9	9	9	9
2	Need 2	4	1	3		9				
3	Need 3	3	3	9		9				
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

Other Criteria for Selection

1	Cost	5	9	3	9	9		1		
2										
3										
4										
5										

Weighted Scores	103	99	90	153	45	50	45	45
Max. Possible Score	153	153	153	153	153	153	153	153

% of Max. Score	67%	65%	59%	100%	29%	33%	29%	29%
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Alternatives shaded Red do not adequately meet requirements.